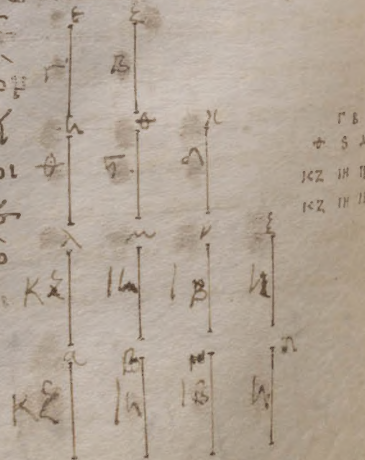
ΠΟ ἐκ δὴ τούτου φανερὸν ὅτι ἐὰν τρεῖς ἀριθμοὶ [illegible] μονάδος ἐλάχιστοι ὦσι τῶν τὸν αὐτὸν λόγον [illegible] τοῖς, οἱ ἄκροι αὐτῶν [illegible] εἰσίν :~

Ἐὰν ὦσιν ὁποσοιοῦν ἀριθμοὶ [illegible] λογον ἐλάχιστοι τῶν τὸν αὐτὸν λόγον [illegible] οἱ ἄκροι αὐτῶν πρῶτοι πρὸς ἀλλήλους [illegible] ἔστωσαν ὁποσοιοῦν ἀριθμοὶ ἑξῆς [illegible] τῶν τὸν αὐτὸν λόγον ἐχόντων αὐτοῖς οἱ ΑΒΓΔ. λέγω ὅτι οἱ ἄκροι αὐτῶν οἱ ΑΔ, πρῶτοι πρὸς ἀλλή[λους] [illegible] δύο μὲν ἀριθμοὶ ἐλάχιστοι [illegible] τῶν ΑΒΓΔ λόγῳ οἱ ΕΖ, τρεῖς δὲ οἱ ΗΘΚ. [illegible] ἕως τὸ [illegible] ἴσον γένηται τῷ πλήθει τῶν ΑΒΓΔ. [illegible] ΛΜΝΞ [illegible] ἄκροι αὐτῶν οἱ ΛΞ πρῶτοι πρὸς ἀλλήλους [illegible] ἐπεὶ γὰρ οἱ ΕΖ πρῶτοι, ἑκάτερος δὲ αὐτῶν [illegible] τοὺς πολλαπλασιάσας [illegible] τῶν ΗΚ [illegible] ἑκάτερον δὲ τῶν ΗΚ πολλαπλασιάσας [illegible] ἑκάτερον τῶν ΛΞ [illegible] οἱ ΗΚ ἄρα πρῶτοι [illegible] τοῖς οἱ ΛΞ. καὶ ἐπεὶ οἱ ΑΒΓ ἐλάχιστοί εἰσι τῶν τὸν αὐτὸν λόγον ἐχόντων αὐτοῖς, εἰσὶ δὲ καὶ οἱ ΛΜΝΞ ἐλάχιστοι [illegible] αὐτῷ λόγῳ ὄντες [illegible] τοῖς ΑΒΓΔ. καί ἐστιν ἴσον τὸ πλῆθος τῶν ΑΒΓΔ τῷ



[illegible] ἕκαστος ἄρα τῶν ΑΒΓΔ ἑκάστῳ [illegible] ΛΜΝΞ [illegible] ἄρα ἐστὶν ὁ μὲν Α τῷ Λ [illegible] τῶν ΛΜΝΞ ἴσος [illegible] πρῶτοι πρὸς ἀλλήλους [illegible] ὁ δὲ Δ [illegible] τῷ Δ [illegible] ὅπερ ἔδει δεῖξαι :~

Δ Λόγων δοθέντων [illegible] ἐλαχίστοις ἀριθμοῖς [illegible] ἐν τοῖς δοθεῖσι λόγοις. ἔστωσαν [illegible] λόγοι ἐν ἐλαχίστοις ἀριθμοῖς [illegible] τοῦ Α πρὸς τὸν Β καὶ ὁ τοῦ Γ πρὸς τὸν Δ, [illegible] τοῦ Ε πρὸς τὸν Ζ. δεῖ δὴ ἀριθμοὺς εὑρεῖν ἑξῆς ἐλαχίστους ἔν τε [illegible] τοῦ Α πρὸς τὸν Β λόγῳ καὶ ἐν [illegible] τοῦ Γ πρὸς τὸν Δ καὶ ἔτι [illegible] τοῦ Ε πρὸς τὸν Ζ. [illegible] ἐλάχιστος μετρούμενος ἀριθμὸς ὁ Η. καὶ ὁσάκις μὲν ὁ Β τὸν Η μετρεῖ, τοσαυτάκις καὶ ὁ Α τὸν Θ μετρείτω. ὁσάκις δὲ ὁ Γ τὸν Η μετρεῖ, τοσαυτάκις καὶ ὁ Δ τὸν Κ μετρείτω. ὁ δὲ Ε τὸν Κ ἤτοι μετρεῖ ἢ οὐ μετρεῖ. μετρείτω πρότερον. καὶ ὁσάκις ὁ Ε τὸν Κ μετρεῖ, τοσαυτάκις καὶ ὁ Ζ τὸν Λ μετρείτω. καὶ ἐπεὶ ἰσάκις ὁ Α τὸν Θ μετρεῖ καὶ ὁ Β τὸν Η, ἔστιν ἄρα ὡς ὁ Α πρὸς τὸν Β, οὕτως ὁ Θ πρὸς τὸν Η. διὰ τὰ αὐτὰ δὴ καὶ ὡς ὁ Γ πρὸς τὸν Δ, οὕτως ὁ Η πρὸς τὸν Κ, καὶ ἔτι ὡς ὁ Ε πρὸς τὸν Ζ, οὕτως ὁ Κ πρὸς τὸν Λ. οἱ ΗΘΚΛ ἄρα ἑξῆς [illegible] τοῦ Α πρὸς τὸν Β καὶ ἐν τῷ τοῦ Γ πρὸς τὸν Δ [illegible] ἐν τῷ τοῦ Ε πρὸς τὸν Ζ [illegible] ἐλάχιστοι. εἰ γὰρ μή εἰσιν οἱ ΗΘΚΛ ἑξῆς

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